

	L #	Hits	Search Text	DBs	Time Stamp
1	L1	1864	436/63,64.ccls.	USPA T	2004/03/3 0 11:51
2	L2	332	methylation.clm.	USPA T	2004/03/3 0 11:51
3	L3	5	1 and 2	USPA T	2004/03/3 0 11:55
4	L4	14206	435/4,6.ccls.	USPA T	2004/03/3 0 11:55
5	L5	55	2 and 4	USPA T	2004/03/3 0 12:08
6	L6	3815	neuroblastoma	USPA T	2004/03/3 0 12:08
7	L7	236	neuroblastoma.clm.	USPA T	2004/03/3 0 12:09
8	L8	41	7 and (1 or 4)	USPA T	2004/03/3 0 12:21
9	L9	1366	(casp8 or fllice or mach or mch5).clm.	USPA T	2004/03/3 0 12:23
10	L10	2	9 and (1 or 4)	USPA T	2004/03/3 0 12:24
11	L11	4862	435/7.1.ccls.	USPA T	2004/03/3 0 12:24
12	L12	1	9 and 11	USPA T	2004/03/3 0 12:25
13	L13	5	(caspase-8).clm.	USPA T	2004/03/3 0 12:28
14	L14	73	(caspase8 or caspase\$2).clm.	USPA T	2004/03/3 0 12:28

RESULT 5
US-10-311-455-1296/c
; Sequence 1296, Application US/10311455
; Publication No. US20030143606A1
; GENERAL INFORMATION:

Best Local Similarity 10.1%

Query Match	5.1%;	Score 38.6;	DB 12;	Length 520;
Best Local Similarity	10.1%;	Pred. No. 0.097;		

APPLICATION NUMBER: IL 116,588
FILING DATE: 27-DEC-1995
APPLICATION NUMBER: IL 117,932
FILING DATE: 16-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Browdy, Roger L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: WALLACH=19
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 628-5197
TELEFAX: (202) 737-3528
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 2887 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-10-368-438-14

Query Match 16.4%; Score 123.6; DB 15; Length 2887;
Best Local Similarity 93.5%; Pred. No. 4,36-29;
Matches 129; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 13 TATTGAAGTAAAGAACTTCTCTGGAGACCTTCCACCCCTTCCCTGCTAGCA 72
DB 144 TATTGAAGTAAAGAACTTCTCTGGAGACCTTCCACCCCTTCCCTGCTAGCA 203
QY 73 CGTGAAGTTAGGAGGAGCTCGAGACTCGAGTGGTGCAGAAAGGTTGAGC 132
DB 204 CGTGAAGTTAGGAGGAGCTCGAGACTCGAGTGGTGCAGAAAGGTTGAGC 263
QY 133 GGGTGAAGTCCCTGTGCC 150
DB 264 GGATTATATCTCTCTGCC 281

RESULT 2
US-09-908-975-31650
Sequence 31650, Application US/09908975
Publication No. US20030165843A1
GENERAL INFORMATION:
APPLICANT: SHOSHAN, Avi
APPLICANT: MASSEMAN, Alon
APPLICANT: MINTZ, Eli
APPLICANT: FAIGLER, Simcha
TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTS AND SPLIC
FILE REFERENCE: 36688-0005
CURRENT APPLICATION NUMBER: US/09/908,975
CURRENT FILING DATE: 2001-07-20
PRIOR APPLICATION NUMBER: US 60/287,724
PRIOR FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: US 60/221,607
PRIOR FILING DATE: 2000-07-28
NUMBER OF SEQ ID NOS: 32337
SOFTWARE: PatentIn version 3.0
SEQ ID NO 31650
LENGTH: 60
TYPE: DNA
ORGANISM: Homo sapiens
US-09-908-975-31650

Query Match 8.0%; Score 60; DB 10; Length 60;
Best Local Similarity 100.0%; Pred. No. 3,1e-09;
Matches 60; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 72 ACGTGAAGTTAGGAGGAGCTCGAGACTCGAGTGGTGCAGAAAGGTTGAG 131
DB 1 ACGTGAAGTTAGGAGGAGCTCGAGACTCGAGTGGTGCAGAAAGGTTGAG 60

RESULT 3
US-10-184-644-120/c
Sequence 120, Application US/10184644
Publication No. US20030044930A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Chen, Jian
APPLICANT: Desnoyers, Luc
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Smith, Victoria
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3450RIC227
CURRENT APPLICATION NUMBER: US/10/184,644
CURRENT FILING DATE: 2002-06-28
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 612
SEQ ID NO 120
LENGTH: 1141
TYPE: PRT
ORGANISM: Homo Sapien
US-10-184-644-120

Query Match 5.4%; Score 40.6; DB 14; Length 1141;
Best Local Similarity 11.0%; Pred. No. 0.03;
Matches 53; Conservative 145; Mismatches 281; Indels 2; Gaps 1;

QY 142 CCGTGTGCCAGATGAGCTCTTCAACAGAAACCAATATTTGTTCTGACTTCT 201
DB 862 SC.AY.S.C.NSBAB.RHMSCHY.S.KTY.CYBSCS.....TKCT.S.....BYT 803
QY 202 CTAGAAACAGGCGCTGTGGGGTGGGAGCACTGATGCTCCCTTCTGAGAACTC 261
DB 802 YTSB.D....S.AT....B...AA..S.CSAs...R.AB.TCYM.NC..G.BDSTN.NS 743
QY 262 TGGTGTGCTGCGCCAGGCTCTGTGGTGTCTCTGTGAGCCGATG--CCTTACT 319
DB 742 .G..M.T.H.TBGRSD.SH.KB...T.DTHCHT...T.HS.NARK...C.B.CS. 683
QY 320 TTGCTACTTTTCACTGAGCAGTCTCGAGTCTCTGCTACCTTTTGTCTCAAGC 379
DB 682 T..TAACHBK.....AHBYAG.YTDB...NS.G.NH.CGC.M..D..TY.AS..DTN 623
QY 380 TTCCCTGCGCGCTCGAATGCAATACAGGACTCCCTTCTGTGAGCCGTTGAGACTC 439
DB 622 ..TB...C.C.T.Y.Y.A..SRS.ABB.TY.KHBN....KTHGBYHD.DM.WBAC 563
QY 440 CAGAAGACTTTATCATCCACTTTTCTTTTCTTTTCTTTTCTTTTCTTTTCTTTT 499
DB 562 ST.DM...NYS..ABY.B.CY.YHATH.BRH.TBA.SNS.BT.RS.GBY.HBBS 503
QY 500 AAGTACTTATTCATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 559
DB 502 CCTGN...H.SY.T.SB.DSBD...YTY..BTANT.SCB..H.R.NCHKH.SCS.SRC. 443
QY 560 CCGTCTTTCGCGTGGAGGAGGTTTCTTTTCTTTTCTTTTCTTTTCTTTTCTTTT 619
DB 442 SM.CBT.C..B.S.WTBB.CS.CDR..BXCHCH..TCBT.H..CH.N.HC.BT.S.C.KS 383
QY 620 C 620
DB 382 H 382

RESULT 4
US-10-184-634-120/c

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: March 29, 2004, 09:32:32 ; Search time 1354.66 Seconds
(without alignments) 2069.470 Million cell updates/sec

Title: US-09-477-082-2

Perfect score: 753
Sequence: 1 aatagaccgcgtatcga.....cacactgttttaacctt 753

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 2458946 seqs, 1861504846 residues

Total number of hits satisfying chosen parameters: 4917892

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications NA:*

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- 2: /cgn2_6/ptodata/1/pubpna/PC1_NEW_PUB.seq:*
- 3: /cgn2_6/ptodata/1/pubpna/US05_NEW_PUB.seq:*
- 4: /cgn2_6/ptodata/1/pubpna/US05_PUBCOMB.seq:*
- 5: /cgn2_6/ptodata/1/pubpna/US07_NEW_PUB.seq:*
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- 8: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*
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- 10: /cgn2_6/ptodata/1/pubpna/US09_PUBCOMB.seq:*
- 11: /cgn2_6/ptodata/1/pubpna/US09C_NEW_PUB.seq:*
- 12: /cgn2_6/ptodata/1/pubpna/US09_NEW_PUB.seq:*
- 13: /cgn2_6/ptodata/1/pubpna/US10_PUBCOMB.seq:*
- 14: /cgn2_6/ptodata/1/pubpna/US10_PUBCOMB.seq:*
- 15: /cgn2_6/ptodata/1/pubpna/US10C_PUBCOMB.seq:*
- 16: /cgn2_6/ptodata/1/pubpna/US10_NEW_PUB.seq:*
- 17: /cgn2_6/ptodata/1/pubpna/US0C_NEW_PUB.seq:*
- 18: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	123.6	16.4	2887	15 US-10-368-438-14	Sequence 14, App1
2	60	8.0	60	10 US-09-908-975-11650	Sequence 31650, A
3	40.6	5.4	1141	14 US-10-184-644-120	Sequence 110, App
4	40.6	5.4	1141	14 US-10-184-634-120	Sequence 120, App
5	39.4	5.2	9741	14 US-10-311-455-1296	Sequence 1296, App
6	38.6	5.1	520	12 US-10-142-426-144	Sequence 144, App
7	38.6	5.1	520	12 US-10-123-155-144	Sequence 144, App
8	38.6	5.1	520	14 US-10-146-731-144	Sequence 144, App
9	38.6	5.1	520	14 US-10-140-472-144	Sequence 144, App
10	38.6	5.1	520	14 US-10-141-761-144	Sequence 144, App
11	38.6	5.1	520	14 US-10-142-885-144	Sequence 144, App
12	38.6	5.1	520	14 US-10-158-790-144	Sequence 144, App
13	38.6	5.1	520	15 US-10-137-871-144	Sequence 144, App
14	38.6	5.1	520	15 US-10-140-923-144	Sequence 144, App
15	38.6	5.1	520	15 US-10-141-756-144	Sequence 144, App

16	38.6	5.1	520	15 US-10-141-759-144	Sequence 144, App
17	38.6	5.1	520	15 US-10-140-805-144	Sequence 144, App
18	38.6	5.1	520	15 US-10-140-864-144	Sequence 144, App
19	38.4	5.1	90541	9 US-09-759-359A-3	Sequence 3, App1
20	38.4	5.1	90541	14 US-10-207-973-3	Sequence 3, App1
21	37	4.9	166043	12 US-10-235-192A-46	Sequence 46, App1
22	36.2	4.8	1714	14 US-10-242-056-60	Sequence 7264, App
23	36	4.8	901	14 US-10-198-846-7264	Sequence 7264, App
24	35.8	4.8	9743	10 US-09-764-891-7205	Sequence 7205, App
25	35.4	4.7	1716	15 US-10-369-493-23726	Sequence 23726, A
26	35.2	4.7	2603	10 US-09-934-455-17	Sequence 17, App1
27	35.2	4.7	2603	12 US-10-412-699B-583	Sequence 583, App1
28	35.2	4.7	2603	14 US-10-295-403-75	Sequence 75, App1
29	35.2	4.7	2603	15 US-10-374-780A-173	Sequence 173, App1
30	35	4.6	6146	10 US-09-764-891-6229	Sequence 6229, App
31	35	4.6	6146	14 US-10-205-428-547	Sequence 547, App
32	34.8	4.6	647	15 US-10-027-632-23587	Sequence 23587, A
33	34.8	4.6	672	15 US-10-027-632-188877	Sequence 188877, A
34	34.8	4.6	1332	12 US-10-425-114-20797	Sequence 20797, A
35	34.8	4.6	30310	9 US-09-800-631-96	Sequence 96, App1
36	34.8	4.6	30310	14 US-10-293-783-96	Sequence 96, App1
37	34.8	4.6	30310	15 US-10-388-263-745	Sequence 745, App1
38	34.8	4.6	63720	14 US-10-105-637-4	Sequence 4, App1
39	34.8	4.6	63720	15 US-10-034-650-46	Sequence 46, App1
40	34.6	4.6	519	12 US-10-142-426-210	Sequence 210, App
41	34.6	4.6	519	14 US-10-123-155-210	Sequence 210, App
42	34.6	4.6	519	14 US-10-146-731-210	Sequence 210, App
43	34.6	4.6	519	14 US-10-140-472-210	Sequence 210, App
44	34.6	4.6	519	14 US-10-141-761-210	Sequence 210, App
45	34.6	4.6	519	14 US-10-142-885-210	Sequence 210, App

ALIGNMENTS

RESULT 1
US-10-368-438-14
; Sequence 14, Application US/10368438
; Publication No. US20030219411A1
GENERAL INFORMATION:
APPLICANT: David WALLACH
Mark P. BOLDIN
Tanya M. GONCHAROV
Yury V. GOLITSEV
TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS RECEPTORS
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: Browdy and Neimark
STREET: 419 Seventh Street N.W., Ste. 300
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/368,438
FILING DATE: 20-Feb-2003
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/983,502
FILING DATE: 16-JAN-1998
APPLICATION NUMBER: PC/US96/10521
FILING DATE: 14-JUN-1996
APPLICATION NUMBER: IL 114,615
FILING DATE: 16-JUL-1995
APPLICATION NUMBER: IL 114,986
FILING DATE: 17-AUG-1995
APPLICATION NUMBER: IL 115,319
FILING DATE: 14-SEP-1995

```

/ APPLICANT: Zhou, ping
/ APPLICANT: Ma, Yundong
/ APPLICANT: Wang, Dunru
/ APPLICANT: Wang, Zhiwei
/ APPLICANT: John Tillinghast
/ APPLICANT: Drmanac, Radote T.
/ TITLE OF INVENTION: No. 6569662el Nucleic Acids and
/ FILE REFERENCE: Polypeptides
/ FILE REFERENCE: 784CIP2B
/ CURRENT APPLICATION NUMBER: US/09/620,312D
/ CURRENT FILING DATE: 2000-07-19
/ PRIOR APPLICATION NUMBER: 09/552,317
/ PRIOR FILING DATE: 2000-04-25
/ PRIOR APPLICATION NUMBER: 09/488,725
/ PRIOR FILING DATE: 2000-01-21
/ NUMBER OF SEQ ID NOS: 1105
/ SOFTWARE: pt_Fl_genes Version 1.0
/ SEQ ID NO 212
/ LENGTH: 3134
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: (110)..(2812)
US-09-620-312D-212

Query Match
Best Local Similarity 4.6%; Score 34.4; DB 4; Length 3134;
Matches 53; Conservative 0; Mismatches 31; Indels 0; Gaps 0;

QY 264 GTCCTGCTGCGCCAGCTCTCCGTGTGTTCTCTCTAGCCGAGCTTTGACTTGC 323
DB 1120 GGGGACTGTGCGCAATCTCTCGGGGGGTAGTCTCCTCCGAGCCCTGTCTGT 1061
QY 324 TACTTTTCACTCTGACGAGTCTC 347
DB 1060 TGCTGTACCATCTACTCATCTGTGCC 1037

RESULT 15
US-08-485-355B-47/C
/ Sequence 47, Application US/08485355B
/ Patent No. 6177075
/ GENERAL INFORMATION:
/ APPLICANT: Christian, P. D., Gordon, K. H.J., Hanzlik, T. N.
/ TITLE OF INVENTION: Insect Viruses and Their Uses in
/ Protecting Plants
/ NUMBER OF SEQUENCES: 57
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Flehr Hobbach Test Albritton & Herbert LLP
/ CITY: Four Embarcadero Center, Suite 3400
/ STATE: San Francisco
/ COUNTRY: United States
/ ZIP: 94111-4187
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/485,355B
/ FILING DATE: 07-Jun-1995
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/440,522
/ FILING DATE: 12-MAY-1995
/ APPLICATION NUMBER: US 08/089,372
/ FILING DATE: 08-JUL-1993
/ APPLICATION NUMBER: AU PL4081/92
/ FILING DATE: 14-AUG-1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Treacartin, Richard P.

```

```

/ REGISTRATION NUMBER: 31,801
/ REFERENCE/DOCKET NUMBER: A-58631-2/RT/DS
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 781-1989
/ TELEFAX: (415) 398-3249
/ TELEX: 910 277299
/ INFORMATION FOR SEQ ID NO: 47:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 2478 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: unknown
/ TOPOLOGY: unknown
/ MOLECULE TYPE: DNA
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: 283..753
/ SEQUENCE DESCRIPTION: SEQ ID NO: 47:
US-08-485-355B-47

Query Match
Best Local Similarity 4.4%; Score 33.4; DB 3; Length 2478;
Matches 82; Conservative 0; Mismatches 81; Indels 0; Gaps 0;

QY 25 AAGAACTCTTCTCTGAGAGCTTTCCACCCCTTCCCTGCTAGACAGCTGAGTTAG 84
DB 2177 AACGACTGTATGATGAGAGAGCGTTGCTCCGACTTCAGACAGGAGAGACATGTTGC 2118
QY 85 CAGGTTAGGGGACTCGGAGACTCGCATGTGTCAGAAAGGTGAGGGGTAGTGCT 144
DB 2117 GCGAAGGCAAAAGCGGGCGCGGAGATTGTCTAGTGGCGGGTAGACACTGTGAGACG 2058
QY 145 GTTGCAGAGTGGGCTCTTCAACAGAAACCAATATTTTG 187
DB 2057 GGTGGCCAGTGTGTGCGGAGGACAGAGATCTCTCATTTCTTG 2015

Search completed: March 29, 2004, 09:34:46
Job time : 63.383 secs

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TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (110)..(2737)
US-09-620-312D-213

Query Match 4.6%; Score 34.4; DB 4; Length 3059;
Best Local Similarity 63.1%; Pred. No. 1;
Matches 53; Conservative 0; Mismatches 31; Indels 0; Gaps 0;

QY 264 GTGCTGCTGGCCAGGCTCTGTTCTCTCTGAGCCGATGCTTGAATTGC 323
DB 1045 GTGCTACTGTGCGAGATCTCTGGGGGTTAGTCCCTCTCCAGAGCCTTGCTCTGT 966
QY 324 TACTTTTCACTCTGAGCAGTCTC 347
DB 965 TGCTGTACCATCATCATCTGTCC 962

RESULT 12
US-09-620-312D-214/c
Sequence 214, Application US/09620312D
Patent No. 6569662
GENERAL INFORMATION:
APPLICANT: Tang, Y. Tom
APPLICANT: Liu, Chenghua
APPLICANT: Asundi, Vinod
APPLICANT: Zhang, Jie
APPLICANT: Ren, Feiyan
APPLICANT: Chen, Rui-hong
APPLICANT: Zhao, Qing A.
APPLICANT: Weinman, Tom
APPLICANT: Xue, Aidong J.
APPLICANT: Yang, Yonghong
APPLICANT: Wang, Jian-Rui
APPLICANT: Zhou, Ping
APPLICANT: Ma, Yungqing
APPLICANT: Wang, Dunrui
APPLICANT: Wang, Zhiwei
APPLICANT: John Tillinghast
APPLICANT: Drmanac, Radjoe T.
TITLE OF INVENTION: No. 6569662el Nucleic Acids and
FILE REFERENCE: 784CIP2B
CURRENT APPLICATION NUMBER: US/09/620,312D
CURRENT FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 09/552,317
PRIOR FILING DATE: 2000-04-25
PRIOR APPLICATION NUMBER: 09/488,725
PRIOR FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 1105
SOFTWARE: pt_FL_genes Version 1.0
SEQ ID NO 214
LENGTH: 3068
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (110)..(2746)
US-09-620-312D-214

Query Match 4.6%; Score 34.4; DB 4; Length 3068;
Best Local Similarity 63.1%; Pred. No. 1;
Matches 53; Conservative 0; Mismatches 31; Indels 0; Gaps 0;

QY 264 GTGCTGCTGGCCAGGCTCTGTTCTCTCTGAGCCGATGCTTGAATTGC 323
DB 1120 GTGCTACTGTGCGAGATCTCTGGGGGTTAGTCCCTCTCCAGAGCCTTGCTCTGT 1061
QY 324 TACTTTTCACTCTGAGCAGTCTC 347
DB 1060 TGCTGTACCATCATCATCTGTCC 1037

RESULT 13
US-09-620-312D-215/c
Sequence 215, Application US/09620312D
Patent No. 6569662
GENERAL INFORMATION:
APPLICANT: Tang, Y. Tom
APPLICANT: Liu, Chenghua
APPLICANT: Asundi, Vinod
APPLICANT: Zhang, Jie
APPLICANT: Ren, Feiyan
APPLICANT: Chen, Rui-hong
APPLICANT: Zhao, Qing A.
APPLICANT: Weinman, Tom
APPLICANT: Xue, Aidong J.
APPLICANT: Yang, Yonghong
APPLICANT: Wang, Jian-Rui
APPLICANT: Zhou, Ping
APPLICANT: Ma, Yungqing
APPLICANT: Wang, Dunrui
APPLICANT: Wang, Zhiwei
APPLICANT: John Tillinghast
APPLICANT: Drmanac, Radjoe T.
TITLE OF INVENTION: No. 6569662el Nucleic Acids and
FILE REFERENCE: 784CIP2B
CURRENT APPLICATION NUMBER: US/09/620,312D
CURRENT FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 09/552,317
PRIOR FILING DATE: 2000-04-25
PRIOR APPLICATION NUMBER: 09/488,725
PRIOR FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 1105
SOFTWARE: pt_FL_genes Version 1.0
SEQ ID NO 215
LENGTH: 3071
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (110)..(2749)
US-09-620-312D-215

Query Match 4.6%; Score 34.4; DB 4; Length 3071;
Best Local Similarity 63.1%; Pred. No. 1;
Matches 53; Conservative 0; Mismatches 31; Indels 0; Gaps 0;

QY 264 GTGCTGCTGGCCAGGCTCTGTTCTCTCTGAGCCGATGCTTGAATTGC 323
DB 1120 GTGCTACTGTGCGAGATCTCTGGGGGTTAGTCCCTCTCCAGAGCCTTGCTCTGT 1061
QY 324 TACTTTTCACTCTGAGCAGTCTC 347
DB 1060 TGCTGTACCATCATCATCTGTCC 1037

RESULT 14
US-09-620-312D-212/c
Sequence 212, Application US/09620312D
Patent No. 6569662
GENERAL INFORMATION:
APPLICANT: Tang, Y. Tom
APPLICANT: Liu, Chenghua
APPLICANT: Asundi, Vinod
APPLICANT: Zhang, Jie
APPLICANT: Ren, Feiyan
APPLICANT: Chen, Rui-hong
APPLICANT: Zhao, Qing A.
APPLICANT: Weinman, Tom
APPLICANT: Xue, Aidong J.
APPLICANT: Yang, Yonghong
APPLICANT: Wang, Jian-Rui

[illegible]

RESULT 9
ITE-09-65

```

Sequence 96, Application US/09657346A
Patent No. 6503754
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
FILE REFERENCE: RTS-0135
CURRENT APPLICATION NUMBER: US/09/657,346A
CURRENT FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 174
SEQ ID NO 96
LENGTH: 30310
TYPE: DNA
ORGANISM: Mus musculus
FEATURE:
NAME/KEY: CDS
LOCATION: (19791)...(19802)
NAME/KEY: CDS
LOCATION: (21160)...(21370)
NAME/KEY: CDS
LOCATION: (24168)...(24307)
NAME/KEY: CDS
LOCATION: (25696)...(25908)
NAME/KEY: CDS
LOCATION: (27235)...(27246)
US-09-657-346A-96

```

Query Match	4.6%;	Score 34.8;	DB 4;	Length 30310;
Best Local Similarity	50.0%;	Pred. No. 3.2;		
Matches 87;	Conservative 0;	Mismatches 87;	Indels 0;	Gaps 0;

QY	555	CTTCCCGCTCTTTCGAGCTCTGAAAGGGATTCCCTTTAATGCTTCACCCGCCACCCCTTTC	614
Db	13340	CTTTCTCTCTGTGTGTGTGTCCTCTCCCTCTTCACATTTCTCTTGTGTCTCTCCGCCACCT	13399
QY	615	CCCTCCCTGCCTCTGTCTTTTGTTCGCCAAAACAAGTCTCTAAGCTTTGCATGTG	674
Db	13400	TCCGCTCCACCTTCCCTTTTATGTGCCCAACTTCAGCTCCCTTTATTTTACAAATTAA	13455
QY	675	GATTCCGGAAAATTAACTGCACCCGGTTTGCAAAATGAACCTTTTCTTTTTCGA	728
Db	13460	GGTGGGAAGAGGTTTACAGGAATCACTGAGTGTGACTATGTTCTTGTTC	13513

RESULT 10
IIS-09-627

US-09-621,976-15639
 Sequence 15639, Application US/09621976
 Patent NO. 6639063
 GENERAL INFORMATION:
 APPLICANT: Dumas Milne Edwards, J.B.
 APPLICANT: Joubert, S.
 APPLICANT: Giordano, J.Y.
 TITLE OF INVENTION: ESTs and Encoded Human Proteins
 FILE REFERENCE: GENSET_054PR2
 CURRENT APPLICATION NUMBER: US/09/621,976
 CURRENT FILING DATE: 2000-07-21
 NUMBER OF SEQ ID NOS: 19335
 SOFTWARE: Patent.pm
 SEQ ID NO 15639

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! LENGTH: 505
! TYPE: DNA
! ORGANISM: Homo sapiens
US-09-621-976-15639
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Query Match	4.68	Score	34.4	DB	4	Length	505
Best Local Similarity	11.58	Pred. NO.	0.32				
Matches	45	Conservative	183	Mismatches	159	Indels	5
						Gaps	2

QY	23	AACTTGGAACTGCTCCCTTGTGAGAGAACCTCTGGAGTGCCTCGGCCAGAGTCTCCTGGT	291
Db	1	AAAAVSSRRRTSSKRRVGGKXMYSSSSSMKMYAAMGRGKVTGSGGCGSRGMRKSRWG	60
QY	292	GTTTCTCTCTGAGCCGATGCTTTGACTTGTCTAATTTTTCACTTTGACGAGTCTCCAGT	351
Db	61	YAYSYGMYKMKWSKMKKKYSGKMGTSKSTRKRYRTVTSKCRKTTCKYRGWMSMKRMWKR	120
QY	352	TCCTCTGCT---AACTTTTGTCTCCAACTTCCCTCGCGCCCTCGAATGCGATCAC	407
Db	121	RKKYYRMYKCYSCASYSYSYRRCRYTGMTGTGAWGCKKMKCKSSTRWTRTYRWMKTGA	180
QY	408	GGATCCCTCTGTGTGAGACCCCTTTGAGAGTCCAGAGAACTTTTTCATCCACTTTT	467
Db	181	CGSGKMSKSGRSKRYSGMKYMYKXTMYCTSKRKSRSMSYKSSMCYTTHMCYTTHWC	240
QY	468	TCCTTTTTCATTGGCCCTGGGGGCGCAGCGTTAAG-TACTTAATTCGTCAATCTGTGCA	526
Db	241	TCCTYKSKYTRCKSYTYRTSTSKMGMTKKSRSMSYTMMSKSYTMGCSKTKMKRMYSAGA	300
QY	527	ATCAGGAATGCCCTAGGTGCACAGCCCCCTTTCCCTCTTTCCGGTCTCGAAGGGGTTTC	586
Db	301	WYAMMSMCMARMYCMAMGWRBAMWKCSPAKKYMYMAXSMYCANMSCSARSAKGRSCT	360
QY	587	CTTTATATGCTCCAGCCCAACCCCTTTCCCT	618
Db	361	TTKYKMTTTRCYCKWYRCCKMWSCHSACAYCT	392

RESULT 11

Sequence 213, Application US/095620312D
Patent No. 6569662
GENERAL INFORMATION:
APPLICANT: Tang, Y. Tom
APPLICANT: Liu, Chenghua
APPLICANT: Asundi, Vinod
APPLICANT: Zhang, Jie
APPLICANT: Ren, Feiyun
APPLICANT: Chen, Rui-hong
APPLICANT: Zhao, Qiang A.
APPLICANT: Weinman, Tom
APPLICANT: Xue, Aiding J.
APPLICANT: Yang, Yonghong
APPLICANT: Wang, Jian-Rui
APPLICANT: Zhou, Ping
APPLICANT: Ma, Yundong
APPLICANT: Wang, Dunru
APPLICANT: Wang, Zhiwei
APPLICANT: John Tillinghast
APPLICANT: Drmanac, Radcoje T.
TITLE OF INVENTION: No. 6569662el Nucleic Acids and
FILE REFERENCE: 784C1P2b
CURRENT APPLICATION NUMBER: US/09/620,312D
CURRENT FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 09/552,317
PRIOR FILING DATE: 2000-04-25
PRIOR APPLICATION NUMBER: 09/488,725
PRIOR FILING DATE: 2000-01-21
NUMBER OF SEQ. ID NOS: 1105
SOFTWARE: pf_fl_genes Version 1.0
SEQ. ID NO 213
LENGTH: 3059

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; SOFTWARE: pt_FL_genes Version 1.0
; SEQ ID NO 213
; LENGTH: 3059
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US-09-007-005-17/c
Sequence 17, Application US/09070058
Patent No. 6258558
GENERAL INFORMATION:
APPLICANT: Szostak, Jack W.
APPLICANT: Roberts, Richard W.
APPLICANT: Liu, Rihne
TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
TITLE OF INVENTION: FUSIONS
FILE REFERENCE: 00786/350003
CURRENT APPLICATION NUMBER: US/09/007,005B
CURRENT FILING DATE: 1998-01-14
EARLIER APPLICATION NUMBER: 60/035,963
EARLIER FILING DATE: 1997-01-27
EARLIER APPLICATION NUMBER: 60/064,491
EARLIER FILING DATE: 1997-11-06
NUMBER OF SEQ ID NOS: 33
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 17
LENGTH: 289
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Translation template
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(289)
OTHER INFORMATION: n = A,T,C or G
US-09-007-005-17

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	Query Match	4.9%	Score 37.2	DB 3	Length 289
	Best Local Similarity	12.8%	Pred. No. 0.027		
	Matches 36	Conservative 97	Mismatches 149	Indels 0	Gaps 0
QY	180	TATTTTGTTCCTGACTGCTCTGAAACAGGCGCTGTGGGGGTGGAGACCACTTGG	239		
DB	284	TTTTTTTTTTTTTTTTTTTTTAAAGCYGCGCYAAAGYAAAGYTAACGCGCYAAGY	225		
QY	240	TCTGCCCTTCAGAGACACCTCTGGTGCCTCGACCTGCACAGCTCCTCTGTGTCTCT	299		
DB	224	CYTGCGSYNNYNNYNNYNNYNNYNNYNNYNNYNNYNNYNNYNNYNNYNNYNNY	165		
QY	300	CTGACCGCATGCCCTTGACTTTGCTACTCTTTTCACTCTGAGCAGTCTCCAGTCTCTGC	359		
DB	164	SYNNYNSYNNYNSYNNYNSYNNYNSYNNYNSYNNYNSYNNYNSYNNYNSYNNY	105		
QY	360	TACCTTTTGTCTCCTCAAGCTCTCCCTCGCGCTCCATATGACATACAGCATCCCTCT	419		
DB	104	SYNNYNSYNNYNSYNNYNSYNNYNSYNNYNSYNNYNSYNNYNSYNNYNSYNNY	45		
QY	420	GTGACCCGCTTTGGAGAGTCCGAAGACTTTATCAATCCACT	461		
DB	44	AAATTTTGTGTYAAATTAAGYTAAGYTAAGYTAAGYTAAGYTAAGYTAAGYTAAGY	3		

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RESULT 7
US-09-244-796-17/c
: Sequence 17, Application US/09244796
: Patent No. 6281344
: GENERAL INFORMATION:
: APPLICANT: Szostak, Jack W.
: APPLICANT: Roberts, Richard W.
: APPLICANT: Liu, Rihne
: TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
: TITLE OF INVENTION: FUSIONS
: FILE REFERENCE: 00786/350007
: CURRENT APPLICATION NUMBER: US/09/244,796
: CURRENT FILING DATE: 1999-02-05
: EARLIER APPLICATION NUMBER: 60/035,963
: EARLIER FILING DATE: 1997-01-27
: EARLIER APPLICATION NUMBER: 60/064,491
: EARLIER FILING DATE: 1997-11-06
: EARLIER APPLICATION NUMBER: 09/007,005

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; EARLIER FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 17
; LENGTH: 289
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Translation template
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(289)
; OTHER INFORMATION: n = A,T,C or G
US-09-244-796-17

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[illegible]

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RESULT 8
US-09-621-976-2813/C
; Sequence 2813, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Jobert, S.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: GENSET.054PR2
; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 2813
;
; LENGTH: 832
;
; TYPE: DNA
;
; ORGANISM: Homo sapiens
;
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 235..399
;
; US-09-621-976-2813

```

```

Query March 4.8% Score 36.2; DB 4; Length 832;
Best Local Similarity 13.2%; Pred. No. 0.11;
Matches 26; Conservative 94; Mismatches 77; Indels 0; Gaps 0;

Qy 472 TTTCATTGGCCCTGGGGGCGAGCGTAACTATTATCTGCATTCGTGCAACAC 531
   : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 281 MYTAAAGSMYSAAAGKKMSMSAASMSCTRMYYKKGSYYWNKKCAATMCVYVYWKYEMW 222
   : : : : : : : : : : : : : : : : : : : : : : : : : : : :

Qy 532 GAATGCCCTGAAGTGCAACAGCCCTTTCCCTCTTTGGCGCTGAAAGGGTTCTTTT 591
   : : : : : : : : : : : : : : : : : : : : : : : : : : : :

```


TELEPHONE: (202) 628-5197
TELEFAX: (202) 737-3528
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 2887 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-09-983-502-14

Query Match 16.4%; Score 123.6; DB 4; Length 2887;
Best Local Similarity 93.5%; Pred. No. 4.9e-30;
Matches 129; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 13 TATTGAAGTAAAGAACTTCTTCTGGAGAGCTTCCACCCCTTCCCTGCTGAGCA 72
DB 144 TATTGAAGTAAAGAACTTCTTCTGGAGAGCTTCCACCCCTTCCCTGCTGAGCA 203
QY 73 CGTGAAGTTAGCAGGTTAGGGGAGCTCGAGACTCGATGTGTCAGAGAAAGGTGAGC 132
DB 204 CGTGAAGTTAGCAGGTTAGGGGAGCTCGAGACTCGATGTGTCAGAGAAAGGTGAGC 263
QY 133 GGGTGAGTGGCTGTGTC 150
DB 264 GGATTATATTCTCTGTC 281

RESULT 2

US-09-516-747-14
Sequence 14, Application US/09516747
Patent No. 6586571

GENERAL INFORMATION:
APPLICANT: David WALLACH
Mark P. BOLDIN
Tanya M. GONCHAROV
Vury V. GOLTSSEV

TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS RECEPTORS
AND OTHER PROTEINS

NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: Browdy and Neimark
STREET: 419 Seventh Street N.W., Ste. 300
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/516,747
FILING DATE: 01-Mar-2000
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/983,502
FILING DATE: <unknown>
APPLICATION NUMBER: IL 114,615
FILING DATE: 16-JUL-1995
APPLICATION NUMBER: IL 114,986
FILING DATE: 17-AUG-1995
APPLICATION NUMBER: IL 115,319
FILING DATE: 14-SEP-1995
APPLICATION NUMBER: IL 116,588
FILING DATE: 27-DEC-1995
APPLICATION NUMBER: IL 117,932
FILING DATE: 16-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Browdy, Roger L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: WALLACH=19
TELECOMMUNICATION INFORMATION:

TELEPHONE: (202) 628-5197
TELEFAX: (202) 737-3528
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 2887 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-09-516-747-14

Query Match 16.4%; Score 123.6; DB 4; Length 2887;
Best Local Similarity 93.5%; Pred. No. 4.9e-30;
Matches 129; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 13 TATTGAAGTAAAGAACTTCTTCTGGAGAGCTTCCACCCCTTCCCTGCTGAGCA 72
DB 144 TATTGAAGTAAAGAACTTCTTCTGGAGAGCTTCCACCCCTTCCCTGCTGAGCA 203
QY 73 CGTGAAGTTAGCAGGTTAGGGGAGCTCGAGACTCGATGTGTCAGAGAAAGGTGAGC 132
DB 204 CGTGAAGTTAGCAGGTTAGGGGAGCTCGAGACTCGATGTGTCAGAGAAAGGTGAGC 263
QY 133 GGGTGAGTGGCTGTGTC 150
DB 264 GGATTATATTCTCTGTC 281

RESULT 3

PCT-US96-10521-14
Sequence 14, Application PC/TUS9610521

GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS RECEPTORS
AND OTHER PROTEINS

NUMBER OF SEQUENCES: 34
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30 (ERO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/10521
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 114,615
FILING DATE: 16-JUL-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 114,986
FILING DATE: 17-AUG-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 115,319
FILING DATE: 14-SEP-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 116,588
FILING DATE: 27-DEC-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 117,932
FILING DATE: 16-APR-1996
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 2887 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
PCT-US96-10521-14

Query Match 16.4%; Score 123.6; DB 5; Length 2887;
Best Local Similarity 93.5%; Pred. No. 4.9e-30;
Matches 129; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: March 29, 2004, 09:32:32 ; Search time 61.383 Seconds

(without alignments)
6807.717 Million cell updates/sec

Title: US-09-477-082-2

Perfect score: 753

Sequence: 1 aatagaccgcgcattgaaa.....tacactggttttaacctt 753

Scoring table: IDENTITY NUC

Gapop 10.0 ; Gapext 1.0

Searched: 682709 segs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum March 0%

Maximum March 100%

Listing first 45 summaries

Database :
1: /cgn2_6/ptodata/2/ina/5A.COMB.seq:*
2: /cgn2_6/ptodata/2/ina/5B.COMB.seq:*
3: /cgn2_6/ptodata/2/ina/6A.COMB.seq:*
4: /cgn2_6/ptodata/2/ina/6B.COMB.seq:*
5: /cgn2_6/ptodata/2/ina/PCTUS.COMB.seq:*
6: /cgn2_6/ptodata/2/ina/backfile1.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	123.6	16.4	2887	4	US-08-983-502-14 Sequence 14, Appl
2	123.6	16.4	2887	4	US-09-516-747-14 Sequence 14, Appl
3	123.6	16.4	2887	5	PCT-US96-10521-14 Sequence 14, Appl
4	83.8	11.1	7218	1	US-08-233-463-14 Sequence 14, Appl
5	38.4	5.1	90541	4	US-09-759-359A-3 Sequence 3, Appl
6	37.2	4.9	289	3	US-09-007-005-17 Sequence 17, Appl
7	37.2	4.9	289	3	US-09-244-796-17 Sequence 17, Appl
8	36.2	4.8	832	4	US-09-621-976-2813 Sequence 2813, Ap
9	34.8	4.6	30310	4	US-09-657-346A-96 Sequence 96, Appl
10	34.4	4.6	3059	4	US-09-621-976-15639 Sequence 15639, A
11	34.4	4.6	3059	4	US-09-620-312D-213 Sequence 213, App
12	34.4	4.6	3068	4	US-09-620-312D-214 Sequence 214, App
13	34.4	4.6	3071	4	US-09-620-312D-215 Sequence 215, App
14	34.4	4.6	3134	4	US-09-620-312D-212 Sequence 212, App
15	33.4	4.4	2478	3	US-08-485-355B-47 Sequence 47, Appl
16	33.4	4.4	2478	3	US-08-485-355B-49 Sequence 49, Appl
17	33.4	4.4	2478	3	US-09-149-613-1 Sequence 1, Appl
18	33.4	4.4	2479	3	US-08-485-355B-51 Sequence 51, Appl
19	33.4	4.4	430	4	US-09-621-976-16656 Sequence 16656, A
20	32.8	4.4	1166	4	US-09-072-986-323 Sequence 323, App
21	32.8	4.4	1166	4	US-09-072-967-328 Sequence 328, App
22	32.8	4.4	48763	4	US-09-916-204-3 Sequence 3, Appl
23	32.8	4.4	174493	4	US-09-804-471A-3 Sequence 3, Appl
24	32.8	4.4	174493	4	US-10-238-709-3 Sequence 3, Appl
25	32.6	4.3	1399	4	US-09-065-040-9 Sequence 9, Appl
26	32.4	4.3	2721	3	US-08-921-195-1 Sequence 1, Appl
27	32.4	4.3	15378	3	US-08-785-420-1 Sequence 1, Appl

C 28	32.2	4.3	523	4	US-09-621-976-11362	Sequence 11362, A
C 29	32.2	4.3	1320	4	US-09-134-000C-2783	Sequence 2783, Ap
C 30	32.2	4.3	5766	4	US-09-566-921-39	Sequence 39, Appl
C 31	31.8	4.2	277	3	US-09-007-005-3	Sequence 3, Appl
C 32	31.8	4.2	277	3	US-09-244-796-3	Sequence 3, Appl
C 33	31.8	4.2	2452	4	US-09-655-189A-72	Sequence 72, Appl
C 34	31.4	4.2	393	4	US-09-300-958A-12	Sequence 12, Appl
C 35	31.4	4.2	444	3	US-09-018-584A-19	Sequence 19, Appl
C 36	31.4	4.2	118067	4	US-09-497-855A-32	Sequence 32, Appl
C 37	31	4.1	372	3	US-09-018-584A-13	Sequence 13, Appl
C 38	31	4.1	2088	3	US-09-351-414-3	Sequence 3, Appl
C 39	31	4.1	4415	4	US-09-486-580A-1	Sequence 1, Appl
C 40	31	4.1	99500	4	US-09-798-096-10	Sequence 10, Appl
C 41	30.8	4.1	4978	1	US-08-220-603A-1	Sequence 1, Appl
C 42	30.8	4.1	176373	3	US-09-128-155-17	Sequence 17, Appl
C 43	30.6	4.1	867	4	US-09-071-035-221	Sequence 221, App
C 44	30.6	4.1	1128	4	US-09-252-991A-15766	Sequence 15766, A
C 45	30.6	4.1	3543	4	US-09-252-991A-15893	Sequence 15893, A

ALIGNMENTS

RESULT 1
US-08-983-502-14
Sequence 14, Application US/08983502
Patent No. 6399327
GENERAL INFORMATION:
APPLICANT: David WALLACH
APPLICANT: Mark P. BOLDIN
APPLICANT: Tanya M. GONCHAROV
APPLICANT: Yuri V. GOLITSY
TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS RECEPTORS
TITLE OF INVENTION: AND OTHER PROTEINS
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESSES:
ADDRESSES: Broadway and Neimark
STREET: 419 Seventh Street N.W., Ste. 300
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/983,502
FILING DATE: 16-JAN-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/10521
FILING DATE: 14-JUN-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 114,615
FILING DATE: 16-JUL-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 114,986
FILING DATE: 17-AUG-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 115,319
FILING DATE: 14-SEP-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 116,588
FILING DATE: 27-DEC-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 117,932
FILING DATE: 16-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Browdy, Roger L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: WALLACH=19
TELECOMMUNICATION INFORMATION:

APPLICANT: BERLIN, Kurt
TITLE OF INVENTION: Diagnosis of Diseases Associated with the Immune System by Detect
FILE REFERENCE: 5013.1014
CURRENT APPLICATION NUMBER: US/10/311.455
CURRENT FILING DATE: 2002-12-16
PRIOR APPLICATION NUMBER: PCT/EP01/07537
PRIOR FILING DATE: 2001-07-02
PRIOR APPLICATION NUMBER: DE 10032529.7
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: DE 10043826.1
PRIOR FILING DATE: 2000-09-01
NUMBER OF SEQ ID NOS: 2424
SEQ ID NO 89
LENGTH: 13249
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
US-10-311-455-89

Query Match 5.1%; Score 34; DB 14; Length 13249;
Best Local Similarity 52.1%; Pred. No. 16;

Matches 76; Conservative 0; Mismatches 70; Indels 0; Gaps 0;

QY 495 ATCTCTGCTGCTTGGAGTAAAGTTACCTGCAGTCTCTGTGTGAAGTTTC 554
DB 9881 ATATCGGGATTTTGTGGAGATTGTTAGTTTGGAAATTTTATTTATTTT 9940

QY 555 TCTTCTCTCGGAGACAGATTCTGCTTACGCTGAGGAAAGTTTACAGGTTCT 614
DB 9941 TTTTCTTTTGTAGTTAAGTATTTGGAGTTTCTTTTATAGAGTGTGTTTGTAGTTT 10000

QY 615 CTTCTTTTATCTTTTGTGTTT 640
DB 10001 TTTATTTTATTTAGTTTGT 10026

RESULT 14
US-10-424-599-86964/C

Sequence 86964, Application US/10424599
Publication No. US20040031072A1
GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J
APPLICANT: Kovalic David K
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
FILE REFERENCE: 38-21(53223)B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 86964
LENGTH: 505
TYPE: DNA
ORGANISM: Glycine max
FEATURE:
OTHER INFORMATION: Clone ID: PAT_MRT3847_49539C.1
US-10-424-599-86964

Query Match 5.0%; Score 33.8; DB 12; Length 505;
Best Local Similarity 58.4%; Pred. No. 3.2;
Matches 59; Conservative 0; Mismatches 42; Indels 0; Gaps 0;

QY 541 GTGGTGAAGTTTCTCTCTCGAGACCAATTCGCTTTACGCTGAGGGAAGTG 600
DB 384 GGGGAAATTTTGTCTTTTGGGGGCCCCCTTTTTCGCGGGGGAAGTG 325

QY 601 TTTTCAGGTTCTCTCTCTTTTATCTTTTGTGTTT 641
DB 324 CCTGTGCTGAGAGTCCCTTTTGTGTTT 284

RESULT 15
US-10-221-613-335

Sequence 335, Application US/10221613
Publication No. US20040029123A1
GENERAL INFORMATION:

APPLICANT: CLEK, Alexander
APPLICANT: PIERENBROCK, Christian
TITLE OF INVENTION: Diagnosis of Diseases Associated with Cell Cycle
FILE REFERENCE: 5013.1004
CURRENT APPLICATION NUMBER: US/10/221.613
CURRENT FILING DATE: 2002-09-13
PRIOR APPLICATION NUMBER: PCT/EP01/02945
DE 10013847.00
DE 10019058.8
DE 10019173.8
DE 10032529.7
DE 10043826.1
PRIOR FILING DATE: 2001-03-15
2000-03-15
2000-04-06
2000-04-07
2000-06-30
2000-09-01
NUMBER OF SEQ ID NOS: 428
SEQ ID NO 335
LENGTH: 5860
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
US-10-221-613-335

Query Match 5.0%; Score 33.8; DB 12; Length 5860;
Best Local Similarity 50.3%; Pred. No. 12;

Matches 83; Conservative 0; Mismatches 82; Indels 0; Gaps 0;

QY 500 TGTCTGCTTAGAGTAAAGTTTACCTGCAGTCTCTGTGTGAAGTTTCTCTT 559
DB 2558 TGTGTTTGTGAGCGAGATTGTTTGTGTTTGTGTTAGTTGAGTGTAGTATTAAT 2617

QY 560 CTCGAGACAGAGATTCTGCTTACGCTGAGGAAAGTTTTCACAGGTTCTCTCC 619
DB 2618 TTGTTTATGTAGTTTGTGTTTGTGTTGTTAGTTGAGTTATAGTATTCGTATCGTGT 2677

QY 620 TTTATCTTTGTGTTTTCGAGCCATGGGGTTAAATPAAG 664
DB 2678 TCGTTAAATTTTGTATTTTATAGTACGAGCGGGGTTTATATATG 2722

Search completed: March 29, 2004, 10:17:43
Job time : 1213.34 secs

PRIOR APPLICATION NUMBER: DE 1001913.8
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: DE 10032529.7
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: DE 10043826.1
PRIOR FILING DATE: 2000-09-01
NUMBER OF SEQ ID NOS: 78
SEQ ID NO 18
LENGTH: 5518
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
US-10-240-452-18

Query Match
Best Local Similarity 50.6%; Pred. No. 9.9; Length 5518;
Matches 82; Conservative 0; Mismatches 80; Indels 0; Gaps 0;

QY 476 TTCTGTTGAGAGATGATCTGTTCTGTTAGAGAGTAAGTTACCGTCGACGTC 535
DB 4651 TATAGGTTGCGATTATAGGATAGCGTATGTGTTGATTAATTTTGTGTGT 4710
QY 536 CTTCGTGTGAGTTTCTCTCTCGAGACCAATTCGCTTACGCTGAGGG 595
DB 4711 TTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTG 4770
QY 596 AAGTTTTCACAGGTTCTCTCTCTTATCTTTGTTGTTT 637
DB 4771 GAGTGTAGTGATGTTTATGTTATTTGTTGTTT 4812

RESULT 11
US-10-239-676-8
Sequence 8, Application US/10239676
Publication No. US20030082609A1
GENERAL INFORMATION:
APPLICANT: OLEK, Alexander
APPLICANT: PIEPENBROCK, Christian
TITLE OF INVENTION: Diagnosis of Diseases Associated with Gene Regulation
FILE REFERENCE: 5013.1003
CURRENT APPLICATION NUMBER: US/10/239,676
PRIOR FILING DATE: 2002-09-24
PRIOR APPLICATION NUMBER: PCT/EP01/03968
DE 10019058.8
DE 10019173.8
DE 10032529.7
DE 10043826.1
PRIOR FILING DATE: 2001-04-06
2000-04-06
2000-04-07
2000-06-30
2000-09-01
NUMBER OF SEQ ID NOS: 228
SEQ ID NO 8
LENGTH: 7148
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
US-10-239-676-8

Query Match
Best Local Similarity 5.1%; Score 34; DB 14; Length 7148;
Matches 94; Conservative 0; Mismatches 100; Indels 0; Gaps 0;

QY 442 AATGGGATCTCTGTTCTTAAACAGAAACATTTTTCGAGTCACTCTCTG 501
DB 3341 AATGGGATTTTCTTTTCTTTTACGATGATTAACGTTTGTATCGTGAACGGT 3400
QY 502 TTCTGTTAGAGTAAGTTTACCTGCTCTCTGTTGTTGTTGTTGTTGTTGTTG 561

DB 3401 ACGCGCTCGGTGTAAAGAAATAATAGTAGTGTATTAAGTTAAGGTTTCGTTTT 3460
QY 562 CTGGAGACCAAGATTCGCTTACGCTGAGGAAGTGTTCACAGTTCCTCCTT 621
DB 3461 AGAGAGAGAAATTTTCTTTTATGCGGGTGAAGTGTGTTTGGCGGTTAAATTTA 3520
QY 622 TTAATCTTTGTTGTT 635
DB 3521 TTTTCTTTTGGGTT 3534

RESULT 12
US-10-240-453-16
Sequence 16, Application US/10240453
Publication No. US20030148326A1
GENERAL INFORMATION:
APPLICANT: OLEK, Alexander
APPLICANT: PIEPENBROCK, Christian
TITLE OF INVENTION: Diagnosis of Diseases Associated with DNA
TITLE OF INVENTION: by Means of Assessing the Methylation Status of Genes Associated
TITLE OF INVENTION: with DNA Transcription
FILE REFERENCE: 5013.1009
CURRENT APPLICATION NUMBER: US/10/240,453
PRIOR FILING DATE: 2002-10-02
PRIOR APPLICATION NUMBER: PCT/EP01/03973
PRIOR FILING DATE: 2001-04-06
PRIOR FILING DATE: 2000-04-06
PRIOR FILING DATE: 2000-04-07
PRIOR FILING DATE: 2000-06-30
PRIOR FILING DATE: 2000-09-01
NUMBER OF SEQ ID NOS: 350
SEQ ID NO 16
LENGTH: 7148
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
US-10-240-453-16

Query Match
Best Local Similarity 5.1%; Score 34; DB 14; Length 7148;
Matches 94; Conservative 0; Mismatches 100; Indels 0; Gaps 0;

QY 442 AATGGGATCTCTGTTCTTAAACAGAAACATTTTTCGAGTCACTCTCTG 501
DB 3341 AATGGGATTTTCTTTTCTTTTACGATGATTAACGTTTGTATCGTGAACGGT 3400
QY 502 TTCTGTTAGAGTAAGTTTACCTGCAATTCCTCTGTTGTTGTTGTTGTTGTTG 561
DB 3401 ACGCGCTCGGTGTAAAGAAATAATAGTAGTGTGTTAAGTTAAGGTTTCGTTTT 3460
QY 562 CTGGAGACCAAGATTCGCTTACGCTGAGGAAGTGTTCACAGTTCCTCCTT 621
DB 3461 AGAGAGAGAAATTTTCTTTTATGCGGGTGAAGTGTGTTTGGCGGTTAAATTTA 3520
QY 622 TTAATCTTTGTTGTT 635
DB 3521 TTTTCTTTTGGGTT 3534

RESULT 13
US-10-311-455-89
Sequence 89, Application US/10311455
Publication No. US20030143606A1
GENERAL INFORMATION:
APPLICANT: OLEK, Alexander
APPLICANT: PIEPENBROCK, Christian

Matches	75;	Conservative	0;	Mismatches	68;	Indels	0;	Gaps	0.
QY	498	TCTGTTCTGTAGGATTAAGTTTACCTGCAGTTCCCTCTGATGGTAAAGTTTTCCTC	557						

PRIOR FILING DATE: 2003-04-06
PRIOR APPLICATION NUMBER: DE 10019058.8
PRIOR FILING DATE: 2003-04-06

APPLICATION NUMBER: IL 116,568
FILING DATE: 27-DEC-1995
APPLICATION NUMBER: IL 117,932
FILING DATE: 16-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Browdy, Roger L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: WALLACH=19
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 628-5197
TELEFAX: (202) 737-3528
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 2887 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-10-368-438-14

Query Match 10.7%; Score 71.6; DB 15; Length 2887;
Best Local Similarity 94.9%; Pred. No. 3.7e-12;
Matches 74; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 573 GATTCGCTTACGCTGAGGAGAGTGTTCACAGGTTCTCTCTCTTTTCTTTGT 632
DB 1 GATTCGCTTCTGCTGAGGAGAGTGTTCACAGGTTCTCTCTCTTTTCTTTGT 60

QY 633 GTTTTTTTCAGCCCATG 650
DB 61 GTTTTTTTCAGCCCATG 78

RESULT 2
US-10-312-841-1
Sequence 1, Application US/1031284;
Publication No. US20030186277A1
GENERAL INFORMATION:
APPLICANT: Epigenomics AG
TITLE OF INVENTION: Diagnose von bedeuendenden genetischen Parametern innerhalb des MHC
FILE REFERENCE: 501/1208/WO
CURRENT APPLICATION NUMBER: US/10/312,841
CURRENT FILING DATE: 2002-12-30
NUMBER OF SEQ ID NOS: 2
SEQ ID NO 1
LENGTH: 3673778
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
NAME/KEY: unsure
LOCATION: (3294164)
US-10-312-841-1

Query Match 5.6%; Score 37.8; DB 14; Length 3673778;
Best Local Similarity 47.6%; Pred. No. 18;
Matches 111; Conservative 0; Mismatches 122; Indels 0; Gaps 0;

QY 438 TTGGATTGGGCACTCTGTTCTTTAAACAGAAACATTTCTGTTGAGTGAATC 497
DB 3115473 TATATATGAGTGTGTTTATTTTAAATTAAGATTTTGGTTGTTATTTT 3115532
QY 498 TCGTTCGCTTACAGAGTAAGTTACCTGAGTCTCTCTGAGTAAGTTCTCT 557
DB 3115533 TATTTGGATTTTGAATTTAGTACAGTGTGTTTAATTTGGTTTCTTTTAACT 3115592
QY 558 TTCTCTCGAGACCAATCTGCTTTAGCTGAGGAGAGTGTTCACAGTTCTCT 617
DB 3115593 GTTTTGAATTTTGTGTTGTAATGTTTGTGTAAGTTATTTTGTGTTTANG 3115652
QY 618 CCTTTATCTTTTGTGTTTTCAGACCATGGGGTTAAATAAAGCGCTTT 670

DB 3115653 ATTTTATGCTGAGGTTGTTTATTTTTCAGAGGAATTTGTTT 3115705

RESULT 3
US-10-270-197A-1
Sequence 1, Application US/10270197A
Publication No. US20030187591A1
GENERAL INFORMATION:
APPLICANT: Fujitsu Limited
APPLICANT: Tezuka, Osamu
APPLICANT: Itakura, Mitsuo
APPLICANT: Shinozaki, Shuichi
TITLE OF INVENTION: METHOD AND APPARATUS FOR GENOMIC ANALYSIS, AND COMPUTER PRODUCT
FILE REFERENCE: 1448.1030
CURRENT APPLICATION NUMBER: US/10/270,197A
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: JAPAN 2002-089516
PRIOR FILING DATE: 2002-03-27
NUMBER OF SEQ ID NOS: 3
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 1740
TYPE: DNA
ORGANISM: Human
US-10-270-197A-1

Query Match 5.6%; Score 37.4; DB 14; Length 1740;
Best Local Similarity 48.8%; Pred. No. 0.42;
Matches 101; Conservative 0; Mismatches 106; Indels 0; Gaps 0;

QY 435 TCGTGAATGGGCACTCTGTTCTTTAAACAGAAACATTTCTGTTGAGTGAATC 494
DB 1316 TTGATGATGTAACACCTACCATTAAGAGAAATATTTCTGTTTGGCT 1375

QY 495 ATCTGCTGCTTACAGTAAGTTTACCTGACAGTCTCTCTGCTGAAGTTTC 554
DB 1376 TTTCTGTTTGTGTTCTTTGTAATTTCTCTTGAATTTTCTTGTATGTTCTTG 1435

QY 555 TCTTTCTGCGAGACCAATCTGCTTTACGCTGAGGAGAGTGTTCACAGTTCT 614
DB 1436 TATTTTCTCCCAATAAAGTGTCTTCTCCCAATAAAGTGTCTTGTAGATA 1495

QY 615 CCGCTTTATCTTTGTTTCTTTT 641
DB 1496 AACTTTGCAATTTTCTTTTAT 1522

RESULT 4
US-10-221-714A-279
Sequence 279, Application US/10221714A
Publication No. US20040048254A1
GENERAL INFORMATION:
APPLICANT: OLER, Alexander
APPLICANT: PIEPENBROCK, Christian
APPLICANT: BERLIN, Kurt
TITLE OF INVENTION: Diagnosis of Diseases Associated with
TITLE OF INVENTION: tumor suppressor genes and oncogenes
FILE REFERENCE: 5013.1005
CURRENT APPLICATION NUMBER: US/10/221,714A
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: PCT/EP01/02955
PRIOR FILING DATE: 2001-03-15
PRIOR APPLICATION NUMBER: DE 10013847.0
PRIOR FILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: DE 10019058.8
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: DE 10032529.7
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: DE 10043826.1
PRIOR FILING DATE: 2000-09-01

GenCore version 5.1.6
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Run on: March 29, 2004, 09:32:32 ; Search time 1205.34 Seconds
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Title: US-09-477-082-1

Perfect score: 670
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Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 2458946 seqs, 1861504846 residues

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Minimum DB seq length: 0
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Post-processing: Minimum Match 0%
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Listing first 45 summaries

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13: /cgn2_6/ptodata/1/pubpna/US10_PUBCOMB.seq:*
14: /cgn2_6/ptodata/1/pubpna/US10C_PUBCOMB.seq:*
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18: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	ID	Description
1	71.6	10.7	2887	US-10-368-438-14
2	37.8	5.6	3673778	Sequence 14, Appl
3	37.4	5.6	1740	Sequence 1, Appl
4	36	5.4	6432	Sequence 279, Appl
5	35.4	5.3	2261	Sequence 19383, A
6	35	5.2	19734	Sequence 1905, Ap
7	34.6	5.2	2145	Sequence 12, Appl
8	34.2	5.1	13573	Sequence 1842, Ap
9	34	5.1	5518	Sequence 190, Appl
10	34	5.1	5518	Sequence 18, Appl
11	34	5.1	7148	Sequence 8, Appl
12	34	5.1	7148	Sequence 16, Appl
13	34	5.1	13249	Sequence 89, Appl
14	33.8	5.0	505	Sequence 86964, A
15	33.8	5.0	5860	Sequence 335, Appl

16	33.8	5.0	16891	US-10-311-455-625	Sequence 625, Appl
17	33.8	5.0	16891	US-10-240-485-57	Sequence 57, Appl
18	33.8	5.0	73857	US-10-085-117-310	Sequence 310, Appl
C 19	33.6	5.0	546	US-10-029-386-10031	Sequence 10031, A
C 20	33.6	5.0	583	US-10-260-238-725	Sequence 725, Appl
C 21	33.6	5.0	2202	US-10-320-797-2276	Sequence 2276, Ap
C 22	33.6	5.0	2297	US-10-320-797-1276	Sequence 1276, Ap
C 23	33.6	5.0	4150	US-10-320-797-276	Sequence 276, Appl
C 24	33.6	5.0	5371	US-10-311-455-268	Sequence 268, Ap
C 25	33.6	5.0	6104	US-10-311-455-1097	Sequence 1097, Ap
C 26	33.6	5.0	6577	US-10-221-718A-443	Sequence 443, Appl
C 27	33.4	5.0	6652	US-10-424-599-67477	Sequence 67477, A
C 28	33.4	5.0	96595	US-10-034-650-34	Sequence 34, Appl
C 29	33.2	5.0	629	US-10-027-632-179994	Sequence 179994, A
C 30	33.2	5.0	629	US-10-027-632-179995	Sequence 179995, A
C 31	33.2	5.0	73857	US-10-085-117-310	Sequence 310, Appl
C 32	33	4.9	632	US-10-424-599-54919	Sequence 54919, A
C 33	33	4.9	1373	US-10-424-599-54920	Sequence 54920, A
C 34	33	4.9	6823	US-10-311-455-1118	Sequence 1118, Ap
C 35	33	4.9	16167	US-10-311-455-1056	Sequence 1056, Ap
C 36	33	4.9	16167	US-10-240-485-82	Sequence 82, Appl
C 37	33	4.9	113515	US-10-311-455-2147	Sequence 2147, Appl
C 38	33	4.9	3673778	US-10-312-841-2	Sequence 2, Appl
C 39	32.8	4.9	570	US-09-918-995-12139	Sequence 12139, A
C 40	32.8	4.9	1713	US-10-282-122A-15547	Sequence 15547, A
C 41	32.8	4.9	5455	US-10-204-708-33	Sequence 33, Appl
C 42	32.8	4.9	7010	US-09-764-891-6031	Sequence 6031, Ap
C 43	32.8	4.9	10543	US-10-221-611-119	Sequence 119, Appl
C 44	32.6	4.9	517	US-10-027-632-35370	Sequence 35370, A
C 45	32.6	4.9	549	US-10-424-599-49619	Sequence 49619, A

ALIGNMENTS

RESULT 1
US-10-368-438-14
Sequence 14, Application US/10368438
Publication No. US20030219411A1
GENERAL INFORMATION:
APPLICANT: David WALLACH
Mark P. BOLDIN
Tanya M. GONCHAROV
Vury V. GOLITSEV
TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF P4S RECEPTORS
AND OTHER PROTEINS
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESS: Broadway and Neimark
City: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10368,438
FILING DATE: 20-Feb-2003
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/983,502
FILING DATE: 16-JAN-1998
APPLICATION NUMBER: PCT/US96/10521
FILING DATE: 14-JUN-1996
APPLICATION NUMBER: IL 114,615
FILING DATE: 16-JUL-1995
APPLICATION NUMBER: IL 114,986
FILING DATE: 17-AUG-1995
APPLICATION NUMBER: IL 115,319
FILING DATE: 14-SEP-1995

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; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 50
; LENGTH: 12425
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-616-289-50

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Query Match	4.7%;	Score 31.8;	DB 4;	Length 12425;
Best Local Similarity	51.8%;	Pred. No. 4.8;		
Matches	72;	Conservative	0;	Mismatches 67;
			Indels	0;
			Gaps	0;

OY	458	TCCTTTAAACGAGAAACATTTCCTGTTCGAGTGCATCTCTGCTCGCTTTAGAGAGTA	517
	10810	TACTTTTAAATGAGACTTTTATTGTGGGAGGAGTGATTTTAAAGAAAATAGAGTA	10751
OY	518	AAGTTTACCTGCAGTTCCTTCGTGTGTAAGTTTCTCTTCTCCGAGACCAATTC	577
Db	10750	GCGTTTGAAGACCTTACGTTTCTCGTTACCTTTTTTTTTTTAAAGACAGATTA	10691
OY	578	TGCGTTTAACGATGGAGGGA	596
Db	10690	TGCTTCACCTGAGGAGTGA	10672

RESULT 15

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US-08-633-148-3/c
Sequence 3, Application US/08633148
Patent No. 5864018
GENERAL INFORMATION:
APPLICANT: MORSER, MICHAEL J.
APPLICANT: NAGASHIMA, MARIKO
APPLICANT: HOLLANDER, DORIS A.
TITLE OF INVENTION: ANTIBODIES TO ADVANCED GLYCOSYLATION
TITLE OF INVENTION: END-PRODUCT RECEPTOR POLYPEPTIDES AND USES THEREFOR
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: TOWNSEND & TOWNSENT & CREW LLP
STREET: TWO EMBARCADERO CENTER, 8TH FLOOR
CITY: SAN FRANCISCO
STATE: CALIFORNIA
COUNTRY: U.S.A.
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/633,148
FILING DATE: 16-Apr-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MURPHY ESQ., MATTHEW B.
REGISTRATION NUMBER: 39,787
REFERENCE/DOCKET NUMBER: 014618-005600US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 326-2400
TELEFAX: (415) 326-2422
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 957 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-633-148-3

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Query Match	4.7%;	Score 31.2;	DB 2;	Length 957;
Best Local Similarity	66.2%;	Pred. No. 1.5;		
Matches 45;	Conservative 0;	Mismatches 23;	Indels 0;	Gaps 0;

DY 182 AGGGCTACTTTACCCAGATTCGGCGGAGGAGAGAGAGGAGTGTCTGTGAATTCAATGC 241

Db	766	AGGGGACACACATCCCTTCATCCAGTGGATTAGAGAGAGGGCTGGGCGAGGACTTCAAGG	707
Qy	242	TGAGGTTT	249
Db	706	TCAGGGTT	699

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Job time : 56.617 secs

QY 611 TTCTCCTCTTTATCTTTGTTTGTGTTTTCGACGACGAGGAGTTAAATAAGGCTTT 670
DB 3280 ATTTTAAATTTGATATAGATTTTATTTTATGAGGAGGAGGATTTAAATAATTTT 3339

RESULT 11

US-09-621-976-17202
Sequence 17202, Application US/09621976
Patent No. 6639063
GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Ubert, S.
APPLICANT: Giordano, J.Y.
TITLE OF INVENTION: ESTs and Encoded Human Proteins.
FILE REFERENCE: GENSET.054PR2
CURRENT APPLICATION NUMBER: US/09/621, 976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SEQ ID NO 17202
LENGTH: 364
TYPE: DNA
ORGANISM: Homo sapiens
US-09-621-976-17202

Query Match
Best Local Similarity 4.8%; Score 32.4; DB 4; Length 364;
Pred. No. 0.31;
Matches 27; Conservative 107; Mismatches 98; Indels 0; Gaps 0;

QY 53 TGAAGAACGGGCGACGATGAGGAACTCAGCCTGAGGACGAGGTTGATCCGAGGAGGCT 112
DB 34 YGRRSSCCSGWGSCTSRWSRCMKSMWMMYKSKSTASKCKTGKXA 93
QY 113 AACCCAGTACGATGACGACGACCTTCCTCTTTTGTGAAGATCTACCCGAT 172
DB 94 CMTGWTGMYRMAYGMYCYMAYTYCTSKYRMWYCYKXRBGMCMWAGSGWC 153
QY 173 TTGAGCCACAGGCTGACTTTTACCCAGTCCGCGGAGGAGGAGGAGGCTGCTGTGA 232
DB 154 YSRASRSYKSKSRWRWYKKGCSRAISRKGMWMMKKSRRATSRATSGWMSWYASR 213
QY 233 CTCAGTGTGAGGTTGATGACGAAAGGAACTTCCTATTCACGAC 284
DB 214 RMSKCSASIRMSASCMWMMASGSYASCAMKSKYRCRCAKMSCTYMW 265

RESULT 12

US-09-621-976-8976/c
Sequence 8976, Application US/09621976
Patent No. 6639063
GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Ubert, S.
APPLICANT: Giordano, J.Y.
TITLE OF INVENTION: ESTs and Encoded Human Proteins.
FILE REFERENCE: GENSET.054PR2
CURRENT APPLICATION NUMBER: US/09/621, 976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SEQ ID NO 8976
LENGTH: 399
TYPE: DNA
ORGANISM: Homo sapiens
US-09-621-976-8976

Query Match
Best Local Similarity 4.7%; Score 31.8; DB 4; Length 399;
Pred. No. 0.54;
Matches 18; Conservative 101; Mismatches 78; Indels 0; Gaps 0;

QY 388 CTTAGTTGACAGTCCATGATGTTCTGCGACATCCCTCTTGTGATGTTGGAATGG 447
DB 213 YKSWCTSRKMYTKKRRKRRKCTSTKCTYRGSITACWKAAYTKRRKRWTRWYTY 154

QY 448 GCATCTCTCTCTTAAACAGAAACATTTCTGTGAGTGCATCTCTCTGTC 507
DB 153 KSYMSKKTWRMTAYWTRMTWTRMTWTRMTWTRMTWTRMTWTRMTWTRMTWTRMT 94

QY 508 TTTAGAGTAAAGTTTACCTCGAGTCTCTCTGTGTGTGAAGTTTCTCTCTCGGA 567
DB 93 AKMSKCTWSTTTCYCMYAKKCMYSWMSMMKMSMMWMTYTYTYTYTYTYTYTYTY 34

QY 568 GACCATCTGCTT 584
DB 33 SWSCTARKCTRYAKT 17

RESULT 13

US-09-328-352-1285
Sequence 1285, Application US/09328352
Patent No. 662958
GENERAL INFORMATION:
APPLICANT: Gary L. Breton et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER
FILE REFERENCE: GTC99-03PA
CURRENT APPLICATION NUMBER: US/09/328, 352
CURRENT FILING DATE: 1998-06-04
NUMBER OF SEQ ID NOS: 8252
SEQ ID NO 1285
LENGTH: 690
TYPE: DNA
ORGANISM: Acinetobacter baumannii
US-09-328-352-1285

Query Match
Best Local Similarity 4.7%; Score 31.8; DB 4; Length 690;
Pred. No. 0.76;
Matches 75; Conservative 0; Mismatches 72; Indels 0; Gaps 0;

QY 494 CATCTGCTGCTGTTAGAGTAAAGTTTACCTGAGTCTCTGTGTGTAAGTTT 553
DB 306 CATTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 365

QY 554 CTCTTCTCTGAGACAGATTCGCTTTAGCTGAGGAGAGTGTTCACAGTTC 613
DB 366 TGCTTACAGATGAGCATGCTTTGTTGTGTCGCGGAGTGTGTTTACAGAGT 425

QY 614 TCTCTCTTTATCTTTGTGTTT 640
DB 426 TTCGGGTGATTTTACGTGACATTT 452

RESULT 14

US-09-616-289-50/c
Sequence 50, Application US/09616289
Patent No. 6632923
GENERAL INFORMATION:
APPLICANT: Lees, Ann M.
APPLICANT: Lees, Robert S.
APPLICANT: Lyons, Anibal A.
TITLE OF INVENTION: NOVEL LOW DENSITY LIPOPROTEIN BINDING
TITLE OF INVENTION: PROTEINS AND THEIR USE IN DIAGNOSING AND TREATING
FILE REFERENCE: 10797-004001
CURRENT APPLICATION NUMBER: US/09/616, 289
CURRENT FILING DATE: 2000-07-14
PRIOR APPLICATION NUMBER: US 09/517, 849
PRIOR FILING DATE: 2000-03-02
PRIOR APPLICATION NUMBER: US 08/979, 608
PRIOR FILING DATE: 1997-11-26
PRIOR APPLICATION NUMBER: US 60/031, 930
PRIOR FILING DATE: 1996-11-27
PRIOR APPLICATION NUMBER: US 60/048, 547
PRIOR FILING DATE: 1997-06-03
NUMBER OF SEQ ID NOS: 53


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; TELEFAX: (617) 227-5941
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2022 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: join(1137..1211, 1211..1678, 1680..1790)
; US-08-246-361A-32

Query Match
Best Local Similarity 51.3%; Score 33.2; DB 2; Length 2022;
Matches 77; Conservative 0; Mismatches 73; Indels 0; Gaps 0;

QY 413 TCTGCCACATCCCTCTCTGTAATGGATTGGGCACTCTGTTCTTTAAACAGAA 472
DB 539 TCTCCGCTCAGACTCTGTAATAGCTGAATTAACAGCACTGCGCACTACGCTGGCAA 598
QY 473 ACATTTCTTGTGAGTGAATCATCTCTGTTGCTTAGAGTAAGTTACCTGCAG 532
DB 599 ATATTTTGTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTG 658

QY 533 TTCCTTCTGTGAGTGAATTTTCTCTTCTC 562
DB 659 CCCAGCTGAGTGCAGTGGCGGCAATCTC 688

RESULT 9
US-08-463-772-32
; Sequence 32, Application US/08463772
; Patent No. 6066501
; GENERAL INFORMATION:
; APPLICANT: BEACH, David H.
; TITLE OF INVENTION: D-TYPE CYCLIN AND USES RELATED THERETO
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII(text)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/463,772
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER:
; APPLICATION NUMBER: US 07/963,308
; FILING DATE: 16-OCT-1992
; APPLICATION NUMBER: US 07/888,178
; FILING DATE: 26-MAY-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/701,514
; FILING DATE: 16-MAY-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Matthew P. Vincent
; REGISTRATION NUMBER: 36,709
; REFERENCE/DOCKET NUMBER: MII-004C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-5941
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2022 base pairs
; TYPE: nucleic acid

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; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: join(1137..1211, 1211..1678, 1680..1790)
; US-08-463-772-32

Query Match
Best Local Similarity 51.3%; Score 33.2; DB 3; Length 2022;
Matches 77; Conservative 0; Mismatches 73; Indels 0; Gaps 0;

QY 413 TCTGCCACATCCCTCTCTGTAATGGATTGGGCACTCTGTTCTTTAAACAGAA 472
DB 539 TCTCCGCTCAGACTCTGTAATAGCTGAATTAACAGCACTGCGCACTACGCTGGCAA 598
QY 473 ACATTTCTTGTGAGTGAATCATCTCTGTTGCTTAGAGTAAGTTACCTGCAG 532
DB 599 ATATTTTGTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTG 658

QY 533 TTCCTTCTGTGAGTGAATTTTCTCTTCTC 562
DB 659 CCCAGCTGAGTGCAGTGGCGGCAATCTC 688

RESULT 10
US-10-204-708-33
; Sequence 33, Application US/10204708
; Patent No. 6677731
; GENERAL INFORMATION:
; APPLICANT: OLEK, Alexander
; APPLICANT: PIERENBROCK, Christian
; APPLICANT: BERLIN, Kurt
; TITLE OF INVENTION: Diagnosis of Diseases Associated with DNA Replication
; FILE REFERENCE: 5013.1012
; CURRENT APPLICATION NUMBER: US/10/204,708
; CURRENT FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: PCT/EP01/03971
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: DE 10019058.8
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: DE 10032529.7
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: DE 10043826.1
; PRIOR FILING DATE: 2000-09-01
; NUMBER OF SEQ ID NOS: 98
; SEQ ID NO 33
; LENGTH: 5455
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
; US-10-204-708-33

Query Match
Best Local Similarity 48.8%; Score 32.8; DB 4; Length 5455;
Matches 117; Conservative 0; Mismatches 122; Indels 1; Gaps 1;

QY 431 TGAATGTTGGAATGGGCACTCTGTTCCCTTTAAACAGAAATTTCTGTTGAGTG 490
DB 3101 TTAGTAGTGTGGGTTTGTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTG 3160
QY 491 AGTCATCTCTGTTGCTTTAGAGTAAGTTAACCTGCGAGTTCCTCTGTTGAGT 550
DB 3161 AGCGTTTGTGTTTGTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTG 3219
QY 551 TTTCTTCTCTGAGACAGATCTGCTTTACGCTGAGGAGGAGTGTTCACAG 610
DB 3220 GTAATATTTGTAAGGGATGATTTATGTTTGTGAGGTGTAATTTTATGATG 3279

```


RESULT 4

US-08-232-463-14

Sequence 14, Application US/08232463

Patent No. 5670367

GENERAL INFORMATION:

APPLICANT: DORNER, F.

APPLICANT: SCHEFFLINGER, F.

APPLICANT: FALKNER, F. G.

TITLE OF INVENTION: RECOMBINANT FOMULPOX VIRUS

NUMBER OF SEQUENCES: 52

CORRESPONDENCE ADDRESS:

ADDRESSEE: Foley & Hardner

STREET: 1800 Diagonal Road, Suite 500

CITY: Alexandria

STATE: VA

COUNTRY: USA

ZIP: 22313-0299

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/232,463

FILING DATE:

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/07/935,313

FILING DATE:

APPLICATION NUMBER: EP 91 114 300.6

FILING DATE: 26-AUG-1991

ATTORNEY/AGENT INFORMATION:

NAME: BENT, Stephen A.

REGISTRATION NUMBER: 29,768

REFERENCE/DOCKET NUMBER: 30472/114 IMMU

TELECOMMUNICATION INFORMATION:

TELEPHONE: (703)836-9300

TELEFAX: (703)683-4109

TELEX: 899149

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:

LENGTH: 7218 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

IMMEDIATE SOURCE:

CLONE: pTZSP-Fls

US-08-232-463-14

Query Match 7.4%; Score 49.6; DB 1; Length 7218;

Best Local Similarity 6.0%; Pred. No. 1.8e-06;

Matches 25; Conservative 215; Mismatches 174; Indels 0; Gaps 0;

Db 235 TCAGTGTGAGGTTGATTCAGCAAGCAAACTTCCTTCCAGACCTTGCAGAGA 294

Db 1027 TTAATTCGAGCTGGCTGCGAGCGAGAGCTGCGATTTTTTTTTTTTTT 1086

Db 295 AAGATGCGATATTACTGCGCGCGAGACGGGTTATTACTAAATGAGTCAGATATA 354

Db 1087 YY 1146

Db 355 ATGCTTCGAAATAGAGATGCCGCGCTGGGCTTAGTTGACGTCATGATATGTC 414

Db 1147 YY 1206

Db 415 TGCCACATCCCTCTTCGATGATGAGATGGCATCTGTTCTTAAACAGGAAC 474

Db 1207 YY 1266

Db 475 ATTCTGTTGCGAGTGCATCTCTGTTCTTGAAGTAAAGTTACCTGCGAGTT 534

Db 475 ATTCTGTTGCGAGTGCATCTCTGTTCTTGAAGTAAAGTTACCTGCGAGTT 534

Db 1267 YY 1326

Db 535 CCTCTGTGAGGATTTCTCTCTCGAGACAGACATGCTTACGCTGAGG 594

Db 1327 YY 1386

Db 595 GAAGGTTTTCACAGGTTCTCTCTTATCTTTGTTGTTTTCGAGCCA 648

Db 1387 YY 1440

RESULT 5

US-09-134-000C-3185/C

Sequence 3185, Application US/09134000C

Patent No. 6617156

GENERAL INFORMATION:

APPLICANT: Lynn Doucette-Stamm et al

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO

FILE REFERENCE: ENTEROCOCCUS FAECALIS FOR DIAGNOSTICS AND THERAPEUTICS

CURRENT APPLICATION NUMBER: US/09/134,000C

CURRENT FILING DATE: 1998-08-13

PRIOR APPLICATION NUMBER: US 60/055,778

PRIOR FILING DATE: 1997-08-15

NUMBER OF SEQ ID NOS: 6812

SOFTWARE: Patentin version 3.1

SEQ ID NO 3185

LENGTH: 2787

TYPE: DNA

ORGANISM: Enterococcus faecalis

US-09-134-000C-3185

Query Match 5.1%; Score 34.4; DB 4; Length 2787;

Best Local Similarity 47.3%; Pred. No. 0.23;

Matches 104; Conservative 0; Mismatches 116; Indels 0; Gaps 0;

Db 430 CTGAAAGTTGAGATGGGATCTGTTCTTAAACAGGAACATTTCTGTTGAGT 489

Db 1187 CTCATTTGTTGCTTTGTTTTCGGAGATTTTGACATTCATTCCTGCTTTT 1128

Db 490 GAGTATCTCTGTTGCTTTAGGATAAGTTTACCCTGCTCTGCTGAG 549

Db 1127 GCGCATCTGCTGATTTTACAGAAAATTTATTTAGCTTAATGCTTTTTCATT 1068

Db 550 TTTCTCTTCTCGGAGACCAAGATTCGCTTACGCTGAGGAAAGTTTTCACAG 609

Db 1067 GCTGTTTCTGTTGATATATTTTGTATATATGAGTGATAATGCAAGCAAG 1008

Db 610 GTTCTGCTTTTATCTTTGTTTTCGAGCCAT 649

Db 1007 TTAATCCTTTAGTCTTTTGTCTTTTGAAGTAT 968

RESULT 6

PCT-US93-05000-32

Sequence 32, Application PC/TUS9305000

GENERAL INFORMATION:

APPLICANT: MITOXIX

TITLE OF INVENTION: D-Type Cyclin and Uses Related Thereto

NUMBER OF SEQUENCES: 42

CORRESPONDENCE ADDRESS:

ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.

STREET: Two Militia Drive

CITY: Lexington

STATE: Massachusetts

COUNTRY: US

ZIP: 02173

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

TELEPHONE: (202) 628-5197
TELEFAX: (202) 737-3528
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 2887 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-09-516-747-14

Query Match 10.7%; Score 71.6; DB 4; Length 2887;
Best Local Similarity 94.9%; Pred. No. 1.8e-14;
Matches 74; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 573 GATTCGCTTTACGCTGAGGAGAGTGTTCACAGGTTCTCTCTTTATCTTTGT 632
DB 1 GATTCGCTTTCTGCTGAGGAGAGTGTTCACAGGTTCTCTCTTTATCTTTGT 60
QY 633 GTTTTTCGAGCCATG 650
DB 61 GTTTTTCAGCCCTG 78

RESULT 2

US-09-516-747-14
Sequence 14, Application US/09516747
Patent No. 6586571

GENERAL INFORMATION:

APPLICANT: David WALLACH

Mark P. BOLDIN

Tanya M. GONCHAROV

Yury V. GOLTSSEV

TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS RECEPTORS
AND OTHER PROTEINS

NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:

ADDRESSES: Broadway and Neimark

STREET: 419 Seventh Street N.W., Ste. 300

CITY: Washington

STATE: D.C.

COUNTRY: USA

ZIP: 20004

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/516,747

FILING DATE: 01-Mar-2000

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/983,502

FILING DATE: <Unknown>

APPLICATION NUMBER: IL 114,615

FILING DATE: 16-Jul-1995

APPLICATION NUMBER: IL 114,986

FILING DATE: 17-Aug-1995

APPLICATION NUMBER: IL 115,319

FILING DATE: 14-Sep-1995

APPLICATION NUMBER: IL 116,588

FILING DATE: 27-Dec-1995

APPLICATION NUMBER: IL 117,932

FILING DATE: 16-Apr-1996

ATTORNEY/AGENT INFORMATION:

NAME: Browdy, Roger L.

REGISTRATION NUMBER: 25,618

REFERENCE/DOCKET NUMBER: WALLACH-19

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202) 628-5197

TELEFAX: (202) 737-3528

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:

LENGTH: 2887 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-09-516-747-14

Query Match 10.7%; Score 71.6; DB 4; Length 2887;
Best Local Similarity 94.9%; Pred. No. 1.8e-14;
Matches 74; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 573 GATTCGCTTTACGCTGAGGAGAGTGTTCACAGGTTCTCTCTTTATCTTTGT 632
DB 1 GATTCGCTTTCTGCTGAGGAGAGTGTTCACAGGTTCTCTCTTTATCTTTGT 60
QY 633 GTTTTTCGAGCCATG 650
DB 61 GTTTTTCAGCCCTG 78

RESULT 3

PCT-US96-10521-14
Sequence 14, Application PC/TUS9610521

GENERAL INFORMATION:

APPLICANT:

TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS RECEPTORS
AND OTHER PROTEINS

NUMBER OF SEQUENCES: 34

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.30 (SPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US96/10521

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: IL 114,615

FILING DATE: 16-Jul-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: IL 114,986

FILING DATE: 17-Aug-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: IL 115,319

FILING DATE: 14-Sep-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: IL 116,588

FILING DATE: 27-Dec-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: IL 117,932

FILING DATE: 16-Apr-1996

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:

LENGTH: 2887 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: CDNA

PCT-US96-10521-14

Query Match 10.7%; Score 71.6; DB 5; Length 2887;

Best Local Similarity 94.9%; Pred. No. 1.8e-14;

Matches 74; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 573 GATTCGCTTTACGCTGAGGAGAGTGTTCACAGGTTCTCTCTTTATCTTTGT 632
DB 1 GATTCGCTTTCTGCTGAGGAGAGTGTTCACAGGTTCTCTCTTTATCTTTGT 60
QY 633 GTTTTTCGAGCCATG 650
DB 61 GTTTTTCAGCCCTG 78

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OM nucleic - nucleic search, using sw model

Run on: March 29, 2004, 09:32:32 ; Search time 54.617 Seconds
(without alignments)
6807.717 Million cell updates/sec

Title: US-09-477-082-1

Perfect score: 670

Sequence: 1 aagcgctccaagacagcatt.....ggggttaataaagcgttt 670

Scoring table: IDENTITY NUC

Gapop 10.0, Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

1: Issued_Patents_MA.*
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3: /cgn2_6/ptodata/2/ina/5B_COMB.seq.*
4: /cgn2_6/ptodata/2/ina/6A_COMB.seq.*
5: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq.*
6: /cgn2_6/ptodata/2/ina/Backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	71.6	10.7	2887	4 US-08-983-502-14	Sequence 14, Appl
2	71.6	10.7	2887	4 US-09-516-747-14	Sequence 14, Appl
3	71.6	10.7	2887	5 PCT-US96-10521-14	Sequence 14, Appl
4	49.6	7.4	7218	4 US-08-232-463-14	Sequence 14, Appl
5	34.4	5.1	2787	4 US-09-134-000C-3185	Sequence 3185, Ap
6	33.2	5.0	1901	5 PCT-US93-05000-32	Sequence 32, Appl
7	33.2	5.0	2022	2 US-08-464-517-32	Sequence 32, Appl
8	33.2	5.0	2022	2 US-08-246-361A-32	Sequence 32, Appl
9	33.2	5.0	2022	2 US-08-463-772-32	Sequence 32, Appl
10	33.2	4.9	5455	4 US-10-204-708-33	Sequence 33, Appl
11	32.4	4.8	3364	4 US-09-621-976-17202	Sequence 17202, A
12	31.8	4.7	399	4 US-09-621-976-8976	Sequence 8976, Ap
13	31.8	4.7	690	4 US-09-328-352-1285	Sequence 1285, Ap
14	31.8	4.7	12425	4 US-09-616-269-50	Sequence 50, Appl
15	31.2	4.7	1957	2 US-08-633-148-3	Sequence 50, Appl
16	31.2	4.7	1033	2 US-08-633-148-1	Sequence 1, Appl1
17	31.2	4.7	1391	4 US-09-638-649-4	Sequence 4, Appl1
18	30.8	4.6	3571	4 US-09-457-066-42	Sequence 42, Appl
19	30.8	4.6	3571	4 US-09-564-595D-34	Sequence 34, Appl
20	30.8	4.6	3571	4 US-09-706-968-42	Sequence 42, Appl
21	30.8	4.6	3571	4 US-09-823-033-3	Sequence 3, Appl1
22	30.4	4.5	554	3 US-08-840-146-16	Sequence 16, Appl
23	30.4	4.5	554	3 US-09-360-220-16	Sequence 16, Appl
24	30.4	4.5	2241	3 US-08-840-146-1	Sequence 1, Appl1
25	30.4	4.5	2241	3 US-09-360-220-1	Sequence 1, Appl1
26	30.4	4.5	124884	4 US-09-661-596A-76	Sequence 76, Appl
27	30.4	4.5	124884	4 US-09-913-514-1	Sequence 1, Appl1

C 28	30.4	4.5	125157	4 US-09-913-514-2	Sequence 2, Appl1
C 29	30.2	4.5	1194	4 US-09-543-681A-64	Sequence 614, App
C 30	30.2	4.5	1457	1 US-08-460-512-1	Sequence 1, Appl1
C 31	30.2	4.5	1601	4 US-09-620-312D-638	Sequence 638, App
C 32	30	4.5	553	4 US-09-621-976-15491	Sequence 15491, A
C 33	30	4.5	2389	4 US-09-799-875-7	Sequence 7, Appl1
C 34	30	4.5	2947	4 US-08-675-499A-1	Sequence 1, Appl1
C 35	30	4.5	2947	4 US-08-812-008-1	Sequence 1, Appl1
C 36	29.8	4.4	3883	4 US-09-620-312D-780	Sequence 780, App
C 37	29.8	4.4	18627	4 US-08-961-527-113	Sequence 113, App
C 38	29.8	4.4	40352	3 US-08-846-111D-15	Sequence 15, Appl
C 39	29.8	4.4	40352	4 US-09-443-077-15	Sequence 15, Appl
C 40	29.8	4.4	116592	4 US-09-818-512-3	Sequence 3, Appl1
C 41	29.8	4.4	1230025	4 US-09-198-452A-1	Sequence 1, Appl1
C 42	29.6	4.4	505	4 US-09-621-976-15639	Sequence 15639, A
C 43	29.6	4.4	186	4 US-09-221-017B-478	Sequence 478, App
C 44	29.6	4.4	2248	1 US-08-639-237-1	Sequence 1, Appl1
C 45	29.6	4.4	2248	1 US-08-975-405-1	Sequence 1, Appl1

ALIGNMENTS

RESULT 1
US-08-983-502-14
Sequence 14, Application US/08983502
Patent No. 6399327
GENERAL INFORMATION:
APPLICANT: David WALLACH
APPLICANT: Mark P. BOLDIN
APPLICANT: Tanya M. GONCHAROV
APPLICANT: Yuri V. GOLTSHEV
TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS RECEPTORS
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: Browdy and Neimark
STREET: 419 Seventh Street N.W., Ste. 300
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
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ATTORNEY/AGENT INFORMATION:
NAME: Browdy, Roger L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: WALLACH=19
TELECOMMUNICATION INFORMATION: